RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information——Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	/o/045,594B
Source:	, 1600
Date Processed by STIC:	4/7/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN ASSISTANCE: e-mail: robert.wax @ uspto.gov Telephone: 703-306-4119

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202 EFFECTIVE MAY 1, 2003 (via USPS): Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry directly to:
 - U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
 - U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/01/2003



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/045,594B

DATE: 04/07/2003
TIME: 15:09:55

Input Set : A:\UTSD729US.APP

Output Set: N:\CRF4\04072003\J045594B.raw

3 <110> APPLICANT: OLSON, ERIC
4 FREY, NORBERT
6 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MUSCLE SPECIFIC
7 CALCINEURIN ASSOCIATED PROTEIN (CAP)

9 <130> FILE REFERENCE: UTSD:729US 11 <140> CURRENT APPLICATION NUMBER: 10/045,594B

12 <141> CURRENT FILING DATE: 2001-11-07

14 <150> PRIOR APPLICATION NUMBER: 60/246,629

15 <151> PRIOR FILING DATE: 2000-11-07

17 <160> NUMBER OF SEQ ID NOS: 12

19 <170> SOFTWARE: PatentIn Ver. 2.1

Does Nor Comply Corrected Diskette Needed

ERRORED SEQUENCES

```
223 <210> SEQ ID NO: 5
     224 <211> LENGTH: 1261
     225 <212> TYPE: DNA
     226 <213> ORGANISM: Homo sapiens
     228 <400> SEQUENCE: 5
     229 cggtcacage ageteagtee tecaaagetg etggaceeca gggagagetg accaetgeec 60
     230 gagcagcegg etgaateeae etecacaatg eegeteteag gaaceeegge eeetaataag 120
     231 aagaggaaat ccagcaagct gatcatggaa ctcactggag gtggacagga gagctcaggc 180
     232 ttgaacctgg gcaaaaagat cagtgtccca agggatgtga tgttggagga actgtcgctg 240
     233 cttaccaacc ggggctccaa gatgttcaaa ctgcggcaga tgagggtgga gaagtttatt 300
     234 tatgagaacc accetgatgt tttctctgac agetcaatgg atcacttcca gaagtteett 360
     235 ccaacagtgg ggggacagct gggcacagct ggtcagggat tctcatacag caagagcaac 420
     236 ggcagaggeg gcagccagge agggggcagt ggctctgccg gacagtatgg ctctgatcag 480
     237 cagcaccatc tgggctctgg gtctggagct gggggtacag gtggtcccgc gggccaggct 540
     238 ggcaaaggag gagctgctgg cacaacaggg gttggtgaga caggatcagg agaccaggca 600
     239 ggcggagaag gaaaacatat cactgtgttc aagacctata tttccccatg ggagcgagcc 660
     240 atgggggttg acccccagca aaaaatggaa cttggcattg acctgctggc ctatggggcc 720
     241 aaagetgaac tteecaaata taaqteette aacaggacgg caatgeetta tggtggatat 780
     242 gagaaggeet ccaaacgeat gacettecag atgeecaagt ttgacetggg geeettgetg 840
     243 agtgaacccc tggtcctcta caaccaaaac ctctccaaca ggccttcttt caatcgaacc 900
     244 cctattccct ggctgagctc tggggagcct gtagactaca acgtggatat tggcatcccc 960
     245 ttggatggag aaacagagga gctgtgaggt gtttcctcct ctgatttgca tcatttcccc 1020
     246 tetetggete caatttggag agggaatget gagcagatag cececattgt taatecagta 1080
     247 tccttatggg aatggaggga aaaaggagag atctaccttt ccatccttta ctccaagtcc 1140
248 ccactcacg catcettect caccaactca gageteeet tetaettget ccatatggaa 1200
E--> 249 cctgetegtt tatggaattt nectgecace agtaacagte aataaactte aaggaaaatg 1260
250 a 1261
     250 a
                              see p.2 for explanation of error
```

4/7/03

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/045,594B

DATE: 04/07/2003 TIME: 15:09:56

Input Set : A:\UTSD729US.APP

Output Set: N:\CRF4\04072003\J045594B.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:5; N Pos. 1221

. ET1

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/045,594B

DATE: 04/07/2003 TIME: 15:09:56

Input Set : A:\UTSD729US.APP

Output Set: N:\CRF4\04072003\J045594B.raw

L:249 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:5

 $file: /\!/C: \CRF4 \setminus VsrJ045594B.htm$

17.1